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The diagram illustrates the experimental setup. A participant is seated at a table, looking at a video screen. A video camera is positioned above the screen. A light source is positioned to the left of the screen. A target is positioned on the screen. A ruler is placed on the table. A scale bar is shown at the bottom right of the diagram.

[illegible]

The figure is a schematic diagram of the experimental design. It shows a sequence of events in a box labeled 'Subject'. The sequence is: 'Stimulus' (a face) is presented, followed by 'Response' (a button press), and then 'Feedback' (a green or red light). This sequence is repeated for multiple trials, indicated by a loop arrow. The feedback is either 'Correct' (green light) or 'Incorrect' (red light).

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THE UNITED STATES OF AMERICA

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222 222 222 222

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100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098

[illegible]

Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun
Tues Wed Thur Fri Sat Sun Mon Tues Wed Thur Fri Sat Sun

ADJ	Adj	Loc	Sit	Loc	Tal	Loc	Fry	Adj	Tyr	Loc	Fry	Sit	Adj	Sit	Adj
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Leu Gly Ala Pro Gln Gln Pro Gly Pro Gly Pro Pro Pro Ser Arg Arg
130 138 140

Tyr Ser Glu Pro Glu Gln Gln Glu Gly Ala Ser Ala Gly Ala Pro Ser
165 170 175

Pro Leu Leu Thr pro Ser Gln Ser Leu Asp Gly Ser Arg Arg Ser Gly
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Tyr Val Arg Ser Ala Glu Asp Thr Ser His Tyr Ser Ala Val
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His Ile Arg Arg
 25 26 27 28

Glu 4
 Glu 4-4
 Glu 18T
 Glu H.M. sequence

4 10 4

His Ala Ala Lys Lys Tyr Glu Met Ala Leu Ser Tyr Arg Tyr Ser Arg
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Tyr Tyr His Arg Glu Glu Gly Ser Ala Val Pro Arg Ser Phe His Glu
 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

Val Val Glu Leu Asp Val Gly Gly Glu Val Tyr His Thr Arg His Ser
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Thr Leu Ile Ser Ile His His Ser Leu Leu Trp Lys Met Phe Ser Pro
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Lys Arg Asp Thr Ala Asp Asp Leu Ala Lys Asp Ser Lys Gly Arg Phe
 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Phe Ile Asp Arg Asp Gly Phe Leu Phe Arg Tyr Leu Leu Asp Tyr Leu
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Arg Asp Arg Glu Val Val Leu Pro Asp His Phe Pro Glu Lys Gly Arg
 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140

Leu Lys Arg Glu Ala Glu Tyr Pro Glu Leu Pro Asp Leu Val Lys Leu
 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160

Leu Thr Pro Asp Glu Ile Lys Glu Ser Pro Asp Glu His Cys His Ser
 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180

Asp Phe His Asp Ala Ser Glu Gly Ser Asp Thr Ser Ile Tyr His His
 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

Ser Ser Leu Leu Pro Ala Asp Arg Lys Trp Gly His His Thr Val Gly
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Tyr Arg Gly Ser Tyr Thr Leu Gly Arg His Gly His Ala Asp Ala Lys
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His Arg Arg Val Pro Arg His Leu Val Tyr Gly Arg Tyr Ser Leu Ala
 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260

Tyr Val Val His Gly His Leu Leu Asp His Asp Arg Arg His Arg Ser
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Asp Ile Thr Asp Tyr Thr Ser Asp Ile Tyr Thr Lys Ile Tyr His Ile
137 138 139 140 141 142 143 144

Ile Asp Ala Ile Asp Met Leu Ser Val Tyr Gly Ile His Met Val Ala
145 146 147 148 149 150 151 152 153 154

Cys Asn Ser Ser Val Thr Ala Ser Phe Ile Asn Val Tyr Thr Asp Asp
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Lys Ile Thr Ser Ser Tyr Thr His Tyr Val Ile Tyr Asp Glu Ile Ser
165 166 167 168 169 170 171 172 173 174

Asp Thr Ser Pro Ser His Cys Asp Cys Cys Cys Lys Asn Gly Lys Gly
175 176 177 178 179 180 181 182 183 184 185 186

Asp Lys Glu Gly Glu Ser Gly Thr Ser Cys Asn Asp Leu Ser Thr Ser
187 188 189 190 191 192 193 194 195 196 197 198

Ser Cys Asp Ser Glu Ser Glu Ala Ser Ser Pro Glu Glu Thr Val Ile
199 200 201 202 203 204 205 206 207 208 209 210

Cys Gly Pro Val Thr Arg Glu Thr Asn Ile Glu Thr Leu Asp Arg Pro
211 212 213 214 215 216 217 218 219 220 221 222

Ile Lys Lys Gly Pro Val Glu Leu Ile Glu Glu Ser Glu Met Arg Arg
223 224 225 226 227 228 229 230 231 232 233 234

Lys Ser Asp Leu Leu Arg Thr Leu Thr Ser Gly Ser Arg Glu Ser Asn
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Met Ser Ser Lys Lys Lys Ala Val Lys Glu Lys Leu Ser Ile Glu Glu
247 248 249 250 251 252 253 254 255 256 257 258

Glu Leu Glu Lys Cys Ile Glu Asp Phe Leu Lys Ile Lys Ile Pro Asp
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Tyr His Leu
283 284

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<213> Caenorhabditis elegans

497 5

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Tyr Thr Thr Thr Arg Ser Thr Ile Ser Lys Glu Thr Asp Thr Ile Ile
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Ala Asn Glu Ala Ser Gly Ser Ser Ser Val Asp Glu Glu Ala Asn Val
25 26 27 28 29 30 31 32 33 34 35 36

Val Thr Leu Ile Asp Gly Ile Leu Ile Val Asp Asn Arg Gly Ile Leu
 1 10
 His Ala Tyr Val Leu Asp Ile Leu Asn Ile Asp Lys Ile Ser Leu P
 20
 His His His Arg His Val Ala Arg Leu Lys Asp Glu Ala Asp His Tyr
 30 40
 Arg Leu Glu Arg Thr Ser Thr Leu Leu Ser Asn Ala Ser Ser Ile Ser
 50 60
 Phe Arg Phe Arg Thr Ala Asn Gly Tyr Asn Thr Ile Thr Ser Gly Ala
 70 80
 His Thr Gly Gly Tyr Ile Thr Leu Gly Tyr Arg Gly
 90 100 110 120

<210> c
 <211> 256
 <212> PRT
 <213> Homo sapiens
 <220>
 <221> UNSURE
 <222> (15)..(15)
 <223> wherein "X" is equal to any amino acid.

<400> 6

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 Gln Gly Ile Pro Thr Pro Ala Gln Leu Thr Lys Ser Asn Ala Pro Val
 20 25 30
 His Ile Asp Val Gly Gly His Met Tyr Thr Ser Ser Leu Ala Thr Leu
 35 40 45
 Thr Lys Tyr Phe Glu Ser Arg Ile Gly Arg Leu Phe Asp Gly Thr Gln
 50 55 60
 Pro Ile Val Leu Asp Ser Leu Lys Gln His Tyr Phe Ile Asp Arg Asp
 65 70 75 80
 Gly Phe Met Phe Arg Tyr Ile Leu Asn Phe Leu Arg Thr Ser Lys Leu
 85 90 95
 Leu Ile Phe Asp Asp Phe Lys Asp Tyr Thr Leu Leu Tyr Phe His Ala
 100 105 110 115
 Lys Tyr Phe Glu Leu His Ile Met Leu Leu His Met Leu Arg Tyr Lys
 120 125 130 135
 His Arg Asn Arg Thr Gly Arg Ile Ser Asn Ile Tyr Phe Tyr Ile Val

Val Asn Val Ala His Asp Leu Gly His Asn Ile Thr Leu Ser Gly Asp
 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
 Lys Ser Leu Thr Ala His Val Phe His Glu Ile Gly Asp Val Met Tyr
 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47
 Asn Ser Val Asn Ala Gly Trp Asn His Asp Ser Thr His Val Ile Arg
 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
 Phe Phe Leu Asn Gly Tyr Cys His Leu Asn Ser Val His Val Leu Glu
 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81
 Arg Leu Glu Glu Arg Gly Phe Glu Ile Val Gly Ser Cys Gly Gly Gly
 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98
 Val Asp Ser Ser Glu Phe Ser Glu Tyr Val Leu Arg Arg Glu Leu Arg
 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115
 Arg Thr Pro Arg Val Pro Ser Val Ile Arg Ile Lys Glu Glu Pro Leu
 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132

<210> 7
 <211> 237
 <212> PRT
 <213> Homo sapiens

<400> 7

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 Asn Val Gly Gly His Leu Tyr Thr Thr Ser Leu Thr Thr Leu Thr Arg
 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
 Tyr Pro Asp Ser Met Leu Gly Ala Met Phe Gly Gly Asp Phe Pro Thr
 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45
 Ala Arg Asp Pro Glu Gly Asn Tyr Phe Ile Asp Arg Asp Gly Pro Leu
 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
 Phe Arg Tyr Val Leu Asn Phe Leu Arg Thr Ser Glu Leu Thr Leu Pro
 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75
 Leu Asp Phe Lys Glu Phe Asp Leu Leu Arg Lys His Ala Asp Phe Tyr
 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90
 Glu Ile His Pro Leu Ile Glu Cys Leu Asn Asp His Lys His Leu Tyr
 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105
 His Met Asp Thr Phe His His Val Val His Leu Ser Ser Thr Asn Lys
 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120
 Ser His Lys Tyr Ser Asn Pro Val Ala Thr Ile Ile Thr His Leu Thr
 121 122 123 124 125 126 127 128 129 130 131 132 133 134

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

100

Typ. Fe Arg. Arg. Met. Cr. Sil. Sil. Met. Met. Sil. Sil. Arg. Met. Cr. Typ.

File Amt Typ Val Loc Amt Loc Loc Amt Typ Val Loc Loc Loc Loc Loc Loc Loc Loc

[illegible][illegible]

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Pro Met Asp Thr His Glu Gln Val Val Glu Leu Ser Gly Thr Arg Lys
  443          444          445          446          447          448

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1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

145	Thr	Thr	Lys	Val	His	Ser	Leu	Leu	Glu	Gly	Thr	Pro	Asn	Tyr	Ile
					100					100					100

Thy	Lys	Tyr	Asn	Glu	His	Met	Met	Arg	Thr	Arg	Arg	Phe	Gln	Val	Ser
169									177					185	

[illegible]

Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

And Val His His Mor And His And All Am His Am The Val His His
 201 201 201

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1. *Chlorophyll a* (Chl *a*)

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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